## New $\circ$ ircumstellar Dust Component Environments in 0xyggen $\mathcal{Z}$ Ch

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Abstract

Spectra of oxygen rich stars in the IRAS LRS catalog have been found to display two distinct classes of circumstellar excess emission. The first group has the normal second group has an emission spectrum peaking at 10 and 18 microns. The microns. There are also spectra with a mixture of the above the second group is much warmer than that associated with the normal silicate group. Laboratory spectra are compared class of materials represented by hydrated aluminates and silicates. Possible interpretations include equilibrium condensation sequences and peculiar metal abundance ratios.